Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 07 Jan 2023 until 23:59 on Sunday 08 Jan 2023

Forecast Issued on Saturday 07 Jan 2023 at 00:51

Confidence: Milder air and rain on Saturday is soon replaced by a showery westerly with some summit snow on Sunday. Remaining unsettled to at least midweek. Often very windy on the hills with gales and little chance of a completely dry day in this period. Lower confidence in the details of amounts of showers and timing of heaviest rain.

Headline for Saturday 07 Jan 2023: A wet and windy morning with heavy rain at times. Brighter in the afternoon, with showers. South-westerly gales later.

Mountain weather hazards on Saturday 07 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain showers	Heavy rain showers	Light rain showers	Light rain showers
Precipitation probability					
80%	80%	40%	40%	40%	40%

Forecast for Saturday 07 Jan 2023

Weather: A wet morning with some difficult conditions on the hills before the rain begins to ease and clear early in the afternoon, with some drier spells developing. Some bright or sunny spells through the afternoon, but showers will develop, heavier showers perhaps turning briefly wintry on higher tops such as Ingleborough and Whernside. Risk of hail and isolated thunder. Winds will ease in the afternoon as the rain clears but will strengthen again during the evening, with summit gales later.

Chance of cloud-free hill tops above 600m: 30% early in the day, improving to 70% by mid-afternoon.

Low Cloud and visibility: Broken or overcast layers of low cloud above 400m in the morning in the west, 500m in the east. Visibility moderate or poor in rain during the morning but becoming good by early afternoon, as low cloud thins and bases lift above most summits. Visibility will fall again temporarily in showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 07 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/33 S	25/36 S	21/30 SW	20/30 S	21/32 SW	26/37 S	27/39 SW
300	13/29 S	16/33 S	12/26 SW	12/27 S	14/29 SW	17/36 S	17/35 SW
Valley	10/26 SW	12/27 S	9/20 SW	12/27 S	12/28 S	16/34 S	15/32 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/2	5/0	5/-1	3/-3	2/-5	3/-4
300	9/6	9/5	7/4	7/3	5/1	4/-0	5/0
Valley	10/7	10/7	8/6	8/5	6/3	6/2	6/2
Freezing Level*	1700m	1700m	1200m	1100m	900m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gales at height early in the day and later, otherwise widespread strong winds. Notice the significant windchill later as freezing level dips towards summits later.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 07 Jan 2023	5.2mm	13.8mm	26.4mm

Forecast for Sunday 08 Jan 2023

Weather: Showers or longer outbreaks of rain in the morning driven in on fresh or strong south-westerly winds, summit gales. Some dry and bright weather between showers too, particularly during the afternoon. Showers will be sleet or snow on the highest summits like Whernside.

Maximum wind: South-westerly 35 mph gusting 45-50mph early morning, then 25 mph gusting 35-40 mph.

Chance of cloud-free hill tops above 600m: 60%.

Low Cloud and visibility: Cloud base around 600m for much of the day, falling to 500m around showers. Some gaps in the cloud are likely, but the highest summits may remain in cloud. Good visibility possible in any brief breaks in the cloud, but very poor visibility in any persistent rain or snow, and in hill fog.

Temperature: **Valleys:** Plus 6 Celsius.
At 600m: Plus 1 Celsius.
Freezing level: 800m falling to 600m

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